



Latent class models for childhood obesity

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Abstract

Using data about students from 6 to 10 years old, we want to identify the main causes of childhood obesity using some latent classes. We will try to see if the decisions, about the consumption of meat, eggs, pasta, cheese, salami, sweets, fruit, vegetable, fish and rice, allow to identify some life stiles that we can model as latent variables and that we can compare with some familiar behaviors such as daily consumption of sweets and snacks.

Keywords: childhood obesity, food choice, health, latent class models.